

SEQUENCE LISTING

<110> Jaeger, Stefan

<120> A method for determination of a nucleic acid using a control

<130> 18981

<160> 17

<170> PatentIn Ver. 2.1

<210> 1

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial sequence to exemplify principle

<400> 1

agcgcatgcc agattactgg c

21

<210> 2

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial sequence to exemplify principle

<400> 2

tcgcgtacgg tctaatagacc g

21

<210> 3

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST650 HCV specific probe sequence

<220>

<221> N_region

<222> (15)

<223> n represents abasic linker
(2-amino-cyclohexyl-)propan-1,3-diol)

<400> 3

cgggtgtactc accgnttccg cagaccacta tggc

34

<210> 4

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST2535 probe sequence

<220>
<221> N_region
<222> (15)
<223> n represents an abasic linker
(2-amino-cyclohexyl-)propan-1,3-diol)

<400> 4
tggactcagt cctntgggtca tctcaccttc t

31

<210> 5
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ST650pc probe
sequence (parallel-complementary to ST650)

<220>
<221> N_region
<222> (15)
<223> n represents an abasic linker
(2-amino-cyclohexyl-)propan-1,3-diol

<400> 5
gccacatgag tggcnaaggc gtctggtgat accg

34

<210> 6
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ST280
HCV-specific Primer-sequence

<400> 6
gcagaaagcg tctagccatg gcgtta

26

<210> 7
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ST778
HCV-specific Primer-sequence

<400> 7
gcaagcaccc tatcaggcag taccacaa

28

<210> 8
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ST280pc Primer
parallel-complementary to ST280

<400> 8
cgtcttttcgc agatcgggtac ctcaat

26

<210> 9
<211> 28

<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST778pc Primer
parallel-complementary to ST778

<400> 9
cgttcgtggg atagtccgtc atggtgtt

28

<210> 10
<211> 241
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA sequence
derived by amplification of HCV type 1 using the
primers ST280 and ST778

<400> 10
gcagaaagcg tctagccatg gcgttagtat gagtgtcgtg cagcctccag gacccccct 60
cccgaggagag ccatagtggt ctgcggaacc ggtgagtaca ccggaattgc caggacgacc 120
gggtcctttc ttgatcaac ccgtcaatg cctggagatt tgggcgtgcc cccgcgagac 180
tgtagccga gtagtggttg gtcgcgaaag gccttggtg actgcctgat aggggtgcttg 240
c 241

<210> 11
<211> 943
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: QS(pc)HCV
being parallel-complementary to according region
of the HCV type1 genome

<400> 11
agatctccgc tgtgaggtag tatctagtga ggggacactc cttgatgaca gaagtgcgtc 60
tttcgcagat cggtagcgca atcatactca cagcacgtcg gaggtcctgg gggggagggc 120
cctctcggtg taaccagacg ccttggtccac tcatgtggcc ttaacgggtc tgctggccca 180
ggaaagaacc tagttgggag agttacggac ctctaaaccc gcacgggggc gctctgacga 240
tcgggtcatc acaaccacag gctttccgga acaccatgac ggactatccc acgaacgctc 300
acggggccct ccagagcatc tggcacgtgg tactcgtgct taggatttgg agtttctttt 360
tggtttgcat tgtggttggc ggcaggtgtc ctgcagttca agggcccgcg accagtctag 420
caaccacctc aaatggacaa cggcgcgctc ccgggggtcca acccacacgc gcgcgagtc 480
ttctgaaggc tcgccagcgt tggagcacct tccgctgttg gataggggtt ccgagcggct 540
gggtcccgt cccggacccg agtcggggcc atgggaaccg gggagatacc gttactcccg 600
taccacccc gtccatccga ggacagtggg gcaccaagag ccggatcaac cccggggagt 660
ctggggggcc catccagcgc attaaaccca ttccagtagc tatgggaatg tacgccgaag 720
cggctggagt accccatgta aggcgagcag ccgcggggag atcccccgcg gcggtcccgg 780
gaccgcgtac cgcaggccca agacctcctg ccgcacttga tacgttgtcc cttaaaccgg 840
ccaacgagaa agagatagaa ggagaaccca aacgacagaa caaactggta gggtcgaagg 900
cgaatacttc acgcgtaaac atgaggatta cccatgtaag ctt 943

<210> 12
<211> 241
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: amplicon
derived from QS(pc)HCV using the primers ST280pc
and ST778pc

<400> 12
 cgtcttttcgc agatcgggtac cgcaatcata ctcacagcac gtcggaggtc ctgggggggga 60
 gggccctctc ggtatcacca gacgccttgg ccactcatgt ggccttaacg gtcctgctgg 120
 cccaggaaag aacctagttg ggcgagttac ggacctctaa acccgcacgg gggcgctctg 180
 acgatcggct catcacaacc cagcgctttc cggaacacca tgacggacta tcccacgaac 240
 g 241

<210> 13
 <211> 241
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: amplicon
 sequence derived from QSHCV (HCV amplification
 control having binding sites for ST280, ST778 and
 ST2535) using the primers ST280 and ST778

<400> 13
 gcagaaagcg tctagccatg gcgttagtat agtggcggtga gagcagccct tgcctcgccc 60
 accgcgcgtc tagaagggtc gatgaccaga ggactgagtc caatgcatgc tggctccgag 120
 atgctccgca aacttgccgt caacgtgact gcgtacggcg ggcgtgcccg cctggctgtg 180
 tatgagctgg tgaccgtgat ctggctggag gccttggtgt actgcctgat aggggtgctt 240
 c 241

<210> 14
 <211> 375
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: ICSJ620HCV
 (HCV specific amplification control having a
 binding site for ST280 and ST778 and an internal
 region being parallel-complementary to HCV)

<400> 14
 agatctcggg cgggggacta cccccgctgt gaggtggtac ttagtgaggg gacactcctt 60
 gatgacagaa gtggcagaaa gcgtctagcc atggcggtac atactcacag cacgtcggag 120
 gtccctggggg ggagggccct ctcggtatca ccagacgctt tggccactca tgtggcctta 180
 acggtcctgc tggcccagga aagaacctag tttgggagag ttacggacct ctaaaccgcg 240
 acggggggcg tctgacgatc ggctcatcac aaccagcgc tttccggttg tggactgcc 300
 tgatagggtg cttgcctcga ggggccctcc agagcatctg gcacgtggaa acatgaggat 360
 taccatgta agctt 375

<210> 15
 <211> 242
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: amplicon
 derived from ICSJ620HCV (HCV-specific
 amplification control) using ST280 and ST778 as
 primers

<400> 15
 gcagaaagcg tctagccatg gcgttacata ctcacagcac gtcggaggtc ctgggggggga 60
 gggccctctc ggtatcacca gacgccttgg ccactcatgt ggccttaacg gtcctgctgg 120
 cccaggaaag aacctagttt gggcgagtta cggacctcta aaccgcacg gggcgctctt 180
 gacgatcggc tcatcacaac ccagcgcttt ccggttggtg tactgcctga tagggtgctt 240
 gc 242

<210> 16
 <211> 46

<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: NTQ21-46-A

<400> 16

cgatcatctc agaacattct tagcgttttg ttcttgta tgatcg

46

<210> 17

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artifical
sequence to exemplify principle

<400> 17

cggtcattag accgtacgcg a

21